



# DCVERTER

## DC/AC Inverter



DCVERTER power inverters are high specification, high quality products designed for inverting DC to AC power with applications for solar systems and vehicle supply. AC output is of the Pure Sinewave form and all units feature 'smart start' for improved start up performance, dynamic DC Bus voltage regulation and soft-start technology for improved reliability. Other features include comprehensive overload protection, low/over voltage alarm, over temperature shut off and short circuit protection. Inverters are supplied with brackets for convenient installation.

### OPERATING PARAMETERS

**DC Input Voltage (Nominal/Range):** -12V (10.5V-15V)

**AC Output:** -240V/50Hz

**Working Temperature:** Min -0°C, Max 45°C,

**Humidity:** Min 20%, Max 90%

**Efficiency:** >90%

**AC Regulation:**  $\pm 8\%$

**IP Rating:** IP20

### SPECIFICATIONS

Model	DCV-300	DCV-600	DCV-1000
Output Power	300W	600W	1000W
Surge Capacity	600W	1200W	2000W
Output Waveform	Pure Sinewave		
No Load Current Draw (A)	0.4	0.5	0.6
Battery Low Alarm	10.5 $\pm$ 0.5V		
Battery Low Shutdown	9.5 $\pm$ 0.5V	10 $\pm$ 0.5V	
Net Weight (kg)	1.0	1.7	2.6
Inverter Dimensions (HxWxD) mm	205x125x61		291x220x83